

# SEQUENCE LISTING

<110> Krohn, Kai  
 Heino, Maarit  
 Peterson, Part  
 Scott S., Hamish  
 Antonarakis E., Stylianos  
 Lalioti D., Maria  
 Shimizu, Nobuyoshi  
 Kudoh, Jun

<120> NOVEL GENE DEFECTIVE IN APECED AND ITS USE

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<141> 2000-11-03

<150> PCT/FI98/00749

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Pro Gln Leu His Gln Lys Asn Glu Asp Glu Cys Ala Val Cys Arg Asp		
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 Lys Asn Glu Asp Glu Cys Ala Val Cys Arg Asp Gly Gly Glu Leu Ile  
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Gly Val Leu Ala Pro Ser Pro Ala Arg Leu Ala Pro Gly Pro Ala Lys		
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Asp Asp Thr Ala Ser His Glu Pro Ala Leu His Arg Asp Asp Leu Glu		
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Gln	Arg	Leu	Gly	Ser	Ser
Gly	Thr	Gln			
Arg	Cys	Cys	Trp	Gly	Ser
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Phe	Gly	Lys	Glu	Val	Ala
Leu	Arg	Arg			80
Val	Leu	His	Pro	Ser	Pro
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Lys	Asn	Glu	Asp	Glu	Cys
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Pro				190	
Tyr	Cys	Val	Trp	Val	Leu
	195				200
Arg	Val	Ser	Arg	Thr	Trp
Leu	Leu	Val	Arg		205
Val	Ala	Gly	Cys	Ala	Glu
	210				215
Met	Val	Arg	Thr	Cys	Cys
Gly	Val	Leu	Thr		220
Ala	Pro	Leu	Pro	Ser	Thr
	225				230
Gly	Ala	Ala	Thr	Ser	Gln
Pro	Ala	Pro	Pro		235
Pro					240
Gly	Pro	Gly	Arg	Ala	Cys
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Ala	Ala	Asp	Pro	Ala	Gln
Glu	Thr				

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Pro Phe Pro Ser  
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